

Wind Resource Summary for Montrose South Site

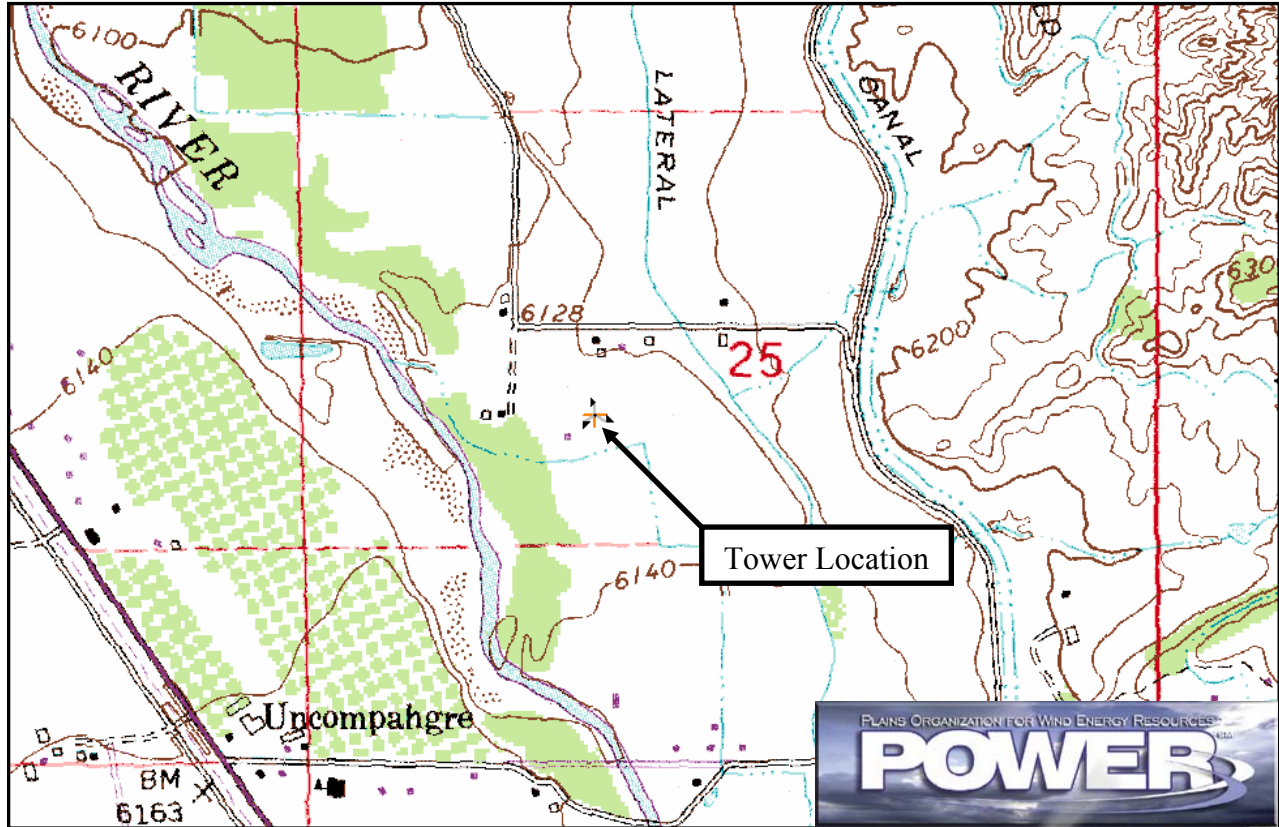
Colorado Anemometer Loan Program

Monitoring Period:^a 9/29/2004 – 4/18/2005

Site Description:

Latitude: N 38° 23' 2"	Township: 48 N
Longitude: W 107° 48' 38"	Range: 9 W
Elevation: 6147 feet	Section: 25
Tower Type: NRG Tilt-Up	Tower Height: 66 feet

The site is approximately 7 miles south-southeast of the town of Montrose, Colorado. The site is located at the southern end of a large mountain valley, which slopes down in the northwest direction. The tower is situated in pasture next to rural residences. Buildings are roughly 100 to 200 feet to the north and east of the base of the tower.



Summary Wind Data:	66 ft AGL^b
Mean Wind Speed	6.0 mph
Maximum, 10-min Mean Wind Speed	32.4 mph – 4/9/2005 1:00 p.m.
Estimated Wind Power Class^c	Class 1 (21 W/m ²)

^a Data recovery rate was 99%.

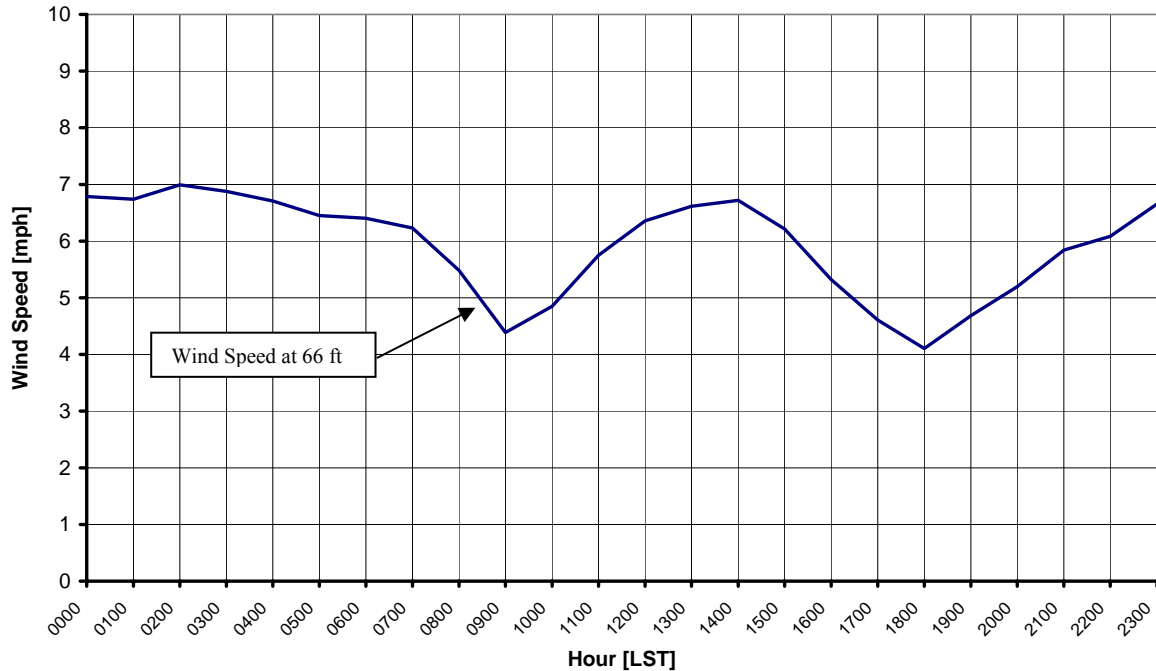
^b Above ground level.

^c Air temperature was not factored into calculation.

Average Hourly Wind Speeds

66 ft AGL		
LST ^d	mph	m/s
0000	6.8	3.03
0100	6.7	3.01
0200	7.0	3.13
0300	6.9	3.07
0400	6.7	3.00
0500	6.5	2.88
0600	6.4	2.86
0700	6.2	2.78
0800	5.5	2.45
0900	4.4	1.96
1000	4.8	2.17
1100	5.8	2.57
1200	6.4	2.84
1300	6.6	2.96
1400	6.7	3.00
1500	6.2	2.78
1600	5.3	2.38
1700	4.6	2.06
1800	4.1	1.84
1900	4.7	2.09
2000	5.2	2.32
2100	5.8	2.61
2200	6.1	2.72
2300	6.7	2.98

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^d Local standard time.



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Creation Date: 4/26/2005

Wind Directional Frequency

The wind direction sensor was not functional.



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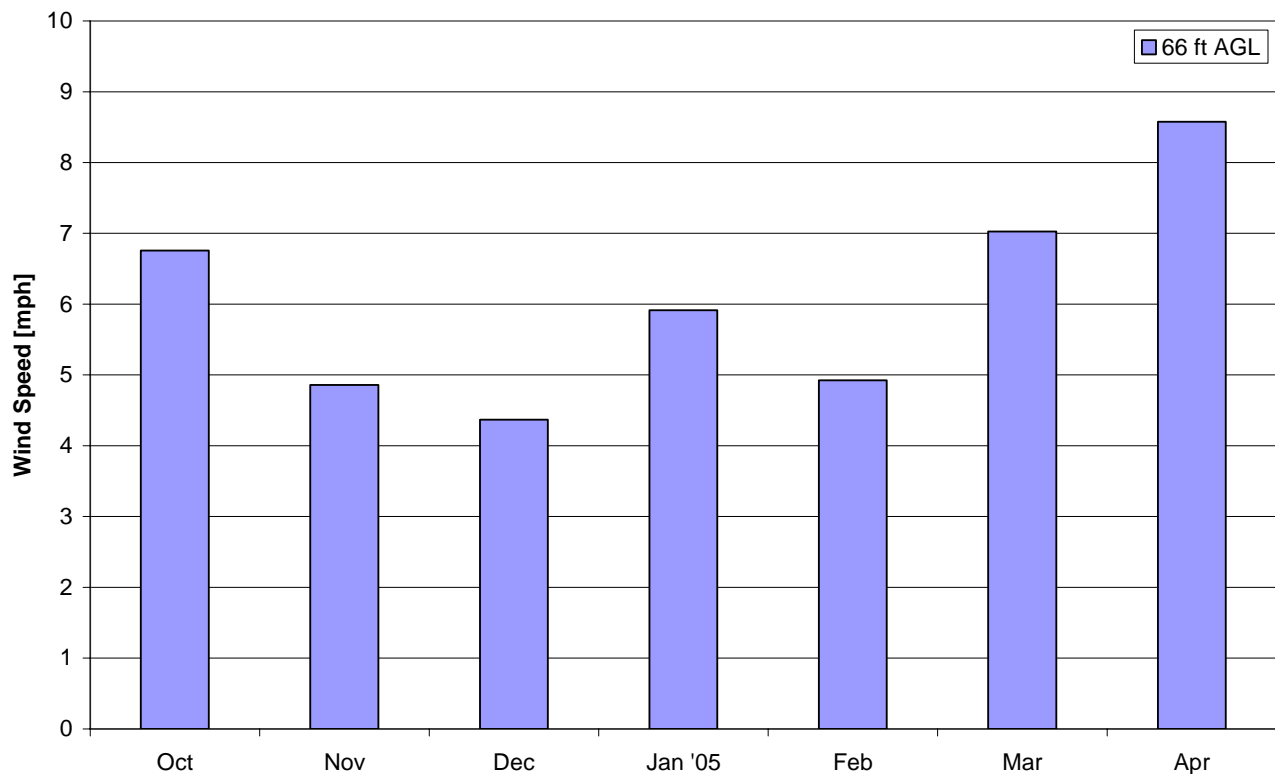
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Monthly Wind Speed Averages

66 ft AGL

Month	mph	m/s
Oct	6.8	3.02
Nov	4.9	2.17
Dec	4.4	1.95
Jan '05	5.9	2.64
Feb	4.9	2.20
Mar	7.0	3.14
Apr	8.6	3.83

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